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Practitioner's Docket No. 022116.0102PTUS

Patent Application

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Voorhees et al.
Serial No.: 10/823,294
Filed: April 12, 2004

Group Art Unit: 1648
Examiner: Unknown
Attorney Docket No.: 022116.0102PTUS
Confirmation No.: 4536

For: APPARATUS AND METHOD FOR DETECTING MICROSCOPIC LIVING
ORGANISMS USING BACTERIOPHAGE

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
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P.O. Box 1450
Alexandria, VA 22313-1450

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In accordance with 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is directed to the cited references listed on the attached PTO/SB/08A and PTO/SB/08B. The cited references are believed to be the most relevant known to Applicants and/or Assignee at this time concerning the invention as claimed in the above-captioned patent application. No representation is made or intended that more relevant information does not exist or that the order of presentation of the information in any way reflects their relative pertinence.

Applicants respectfully request that each of the cited information be expressly considered during the prosecution of this application and that the cited references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. A copy of each reference is attached.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. Thus, no certification or fee is required. However, if necessary, please charge deficient fees associated with this communication to Deposit Account No. 50-1848.

Respectfully submitted,
PATTON BOGGS LLP

Date: 7/15/04

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By: [Signature]
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Customer No. 24283

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 4

Complete if Known

Application Number	10/823,294
Filing Date	12 Apr 2004
First Named Inventor	Kent Voorhees
Art Unit	1648
Examiner Name	Unknown
Attorney Docket Number	022116.0102PTUS

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	1	US- 4,104,126	08-01-1978	David M. Young	
	2	US- 4,797,363	01-10-1989	Teodorescu et al.	
	3	US- 4,861,709	08-29-1989	Ulitzur et al.	
	4	US- 5,085,982	02-04-1992	Douglas H. Keith	
	5	US- 5,168,037	12-01-1992	Entis et al.	
	6	US- 5,498,525	03-12-1996	Rees et al.	
	7	US- 5,656,424	08-12-1997	Jurgensen et al.	
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	9	US- 5,723,330	03-03-1998	Rees et al.	
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	11	US- 5,888,725	03-30-1999	Michael F. Sanders	
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	13	US- 5,958,675	09-28-1999	Wicks et al.	
	14	US- 5,985,596	11-16-1999	Stuart Mark Wilson	
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	20	US- 6,428,976 B1	08-06-2002	Chang et al.	
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	23	US- 6,461,833 B1	10-08-2002	Stuart Mark Wilson	
	24	US- 6,524,809 B1	02-25-2003	Stuart Mark Wilson	
	25	US- 6,544,729 B2	04-08-2003	Sayler et al.	
	26	US- 6,555,312 B1	04-29-2003	Hiroshi Nakayama	
	27	US- 6,660,437 B2	12-09-2003	Friedrich et al.	
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	29	US- 2002/0192676 A1	12-19-2002	Madonna et al.	

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Sheet 2 of 4

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Application Number	10/823,294
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First Named Inventor	Kent Voorhees
Art Unit	1648
Examiner Name	Unknown
Attorney Docket Number	022116.0102PTUS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	30	EP 0 439 354 A2	07-31-1991	Bittner et al.		
	31	WO 94/06931	03-31-1994	Michael Frederick Sanders		
	32	EP 1 300 082 A2	04-09-2003	Michael John Gasson		
	33	WO 03/087772 A2	10-23-2003	Madonna et al.		

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		Examiner Name	Unknown
Sheet 3 of 4	Attorney Docket Number	022116.0102PTUS	

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	34	STRAUSS ET AL., "Purification and Properties of Bacteriophage MS2 and of its Ribonucleic Acid", J. Mol. Biol., 1963, pages 43 - 54, Vol. 7	
	35	BORDNER ET AL., "Microbiological Methods For Monitoring The Environment - Water and Wastes", December 1978, prepared in part under EPA Contract No. 68-03-0431, Environmental Monitoring And Support Laboratory, Office Of Research And Development, Cincinnati, Ohio	
	36	HIRSH ET AL., "Rapid Detection of Salmonella spp. by Using Felix-O1 Bacteriophage and High-Performance Liquid Chromatography", Applied and Environmental Microbiology, Jan. 1983, pp. 260 - 264, Vol. 45.	
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	38	PUGH ET AL., "A complete protocol using conductance for rapid detection of salmonellas in confectionery materials", Letters in Applied Microbiology, 1988, pp. 23 - 27, Vol. 7	
	39	STEWART, G.S.A.B., "In vivo bioluminescence: new potentials for microbiology", Letters in Applied Microbiology, 1990, pp. 1 - 8, Vol. 10	
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		Group Art Unit	1648
		Examiner Name	Unknown
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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	47	STEWART ET AL., "The specific and sensitive detection of bacterial pathogens with 4 h using bacteriophage amplification", Journal of Applied Microbiology, 1998, pp. 777 - 783, Vol. 84	
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